

Thesis Title	Factors Associated with Acute Respiratory Tract Infection in Children under Five, Children Hospital, Bangkok.
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ABSTRACT

The main objective of this study was to study the factors associated with acute respiratory tract infection in children under five. Data were obtained from patients who registered at Out Patient Department, Children Hospital during May 1, 1990 to December 30, 1990. There were 100 Cases of non-severity of ARIC, 100 cases of severity of ARIC and 200 cases of control obtained from well baby clinic.

The result revealed that at 95% level of confidence, the factors associated with ARIC were incomplete immunization (OR=109.42), lack of parental knowledge about prevention (OR.=77.79), malnutrition (OR.=41.11), child's allergy (OR.=36.5), lack of parental knowledge about transmission (OR.=30.9), unsuitable care of sicked child (being common cold) (OR.=19.98), lack of parental knowledge about common cold (OR.=11.58), congenital heart disease (OR.=11.58), low family income (OR.=11.09), lack of parental knowledge about cause of ARIC (OR.=10.01),

unsuitable care of febrile child (OR.=8.29), unsuitable care about treatment (OR.=7.55), lack of parental knowledge about caring sicked child (OR.=7.45) father smoking nearby children (OR.=7.15) the other persons smoking nearby children (OR.=6.62), the other persons smoking (OR.=6.24) using charcoal in household cooking (OR.=5.79), familial history of asthma (OR.=5.79), familial history of allergy (OR.=5.29), lack of parental knowledge about Preumonia (OR.=4.64), low birth weight (OR.=4.33) low educated fathers (OR.=4.07) crowding in home (OR.=2.99) low educated mothers (OR.=2.7) occupation of fathers labourers (OR.=2.41).

The factors associated with severity of ARIC were congenital heart disease (OR.=11) low family imcome (OR.=3.65) occupation of father labourers (OR.=3.28) malnutrition (OR.=2.26) unsuitable care about treatment (OR.=2.2) low educated fathers (OR.=2.04) fathers smoking nearby children (OR.=2) children under one year (OR.=1.96) fathers smoking (OR.=1.91).